Claims

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1. A pharmaceutical, antimycotically active nail lacquer for the treatment or prophylaxis of fungal infections of nails and skin, comprising an optionally substituted 2-aminothiazole of formula (I)

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wherein

R1 represents hydrogen or alkyl, and

R² represents a substituent of the formula

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R³, R⁴, R⁵ and R⁶ independently from each other represent hydrogen, halogen, nitro, alkyl, alkoxy, alkoxy-carbonyl, dialkylamino, alkylthio, alkylsulphinyl, alkylsulphonyl, halogenoalkyl, halogenoalkylsulphinyl or halogenoalkylsulphonyl,

X represents oxygen, sulphur, sulphinyl or sulphonyl, and

Ar represents an optionally substituted aryl moiety, and their physiologically acceptable acid addition salts, wherein the compounds of formula (I) are in equilibrium with the tautomeric compounds of formulae (Ia) and (Ib)

wherein R¹ and R² in each case have the abovementioned meanings.

2. A pharmaceutical, antimycotically active nail lacquer for the treatment or prophylaxis of fungal infections of nails and skin, comprising an optionally substituted 2-aminothiazole of formula (I)

wherein

R1 represents hydrogen or alkyl, and

 R^2 represents a substituent of the formula

$$R^{2} =$$
 $A_{r} - X$
 R^{4}
 R^{5}
 R^{6}
 R^{6}
 R^{6}
 R^{4}
 R^{5}
 R^{6}
 R^{6}

wherein

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R³, R⁴, R⁵ and R⁶ independently from each other represent hydrogen, halogen, nitro, alkyl, alkoxy, alkoxy-carbonyl, dialkylamino, alkylthio, alkylsulphinyl,

alkylsulphonyl, halogenoalkyl, halogenoalkoxy, halogenoalkylthio, halogenoalkylsulphinyl or halogenoalkylsulphonyl,

X represents oxygen, and

Ar represents an optionally substituted aryl moiety, and
their physiologically acceptable acid addition salts,
wherein the compounds of formula (I) are in equilibrium with the tautomeric
compounds of formulae (Ia) and (Ib)

wherein R1 and R2 in each case have the abovementioned meanings.

- 3. A pharmaceutical, antimycotically active nail lacquer according to claim 1 or 2, characterized in that it comprises a permeation enhancer.
- 4. A pharmaceutical, antimycotically active nail lacquer according to claim 3,
 wherein the permeation enhancer is hyaluronate lyase.
 - 5. A pharmaceutical, antimycotically active nail lacquer according to claim 1 or 2, characterized in that it comprises a polymeric film-forming agent.
- 20 6. A pharmaceutical, antimycotically active nail lacquer according to claim 5, characterized in that the film-forming agent belongs to the group of water-insoluble acrylate polymers or methacrylate polymers and comprises a copolymer that belongs to the compound class of alkylvinylethers, maleic acid anhydride, alkylated poly(vinylpyrrolidones) and ammonium methacrylates.

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- 7. A pharmaceutical, antimycotically active nail lacquer according to claim 1 or 2, characterized in that it comprises a plasticizer.
- 8. A pharmaceutical, antimycotically active nail lacquer according to claim 1 or 2, characterized in that it comprises at least one solvent.
 - 9. A pharmaceutical, antimycotically active nail lacquer according to claim 8, characterized in that it comprises as a solvent ethanol, ethyl acetate, butyl acetate, isopropanol, acetone, methyl ethyl ketone, triacetin, tripropionin, diethylene glycol monoethyl ether, isopropyl acetate, or a mixture of two or more of said solvents.
 - 10. A pharmaceutical, antimycotically active nail lacquer according to claim 1 or 2, comprising

from 0.1 to 20% antimycotic agent,

from 0.5 to 35% permeation enhancer,

from 0.5 to 40% film-forming polymer,

from 5 to 80% volatile solvent, and

from 1.0 to 10% plasticizer.

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- 20 11. A pharmaceutical, antimycotically active nail lacquer according to claim 1 or 2, wherein the antimycotically active ingredient is Abafungin.
 - 12. A method for the treatment of fungal infections, in which a pharmaceutical, antimycotically active nail lacquer according to claim 1 or 2 is applied to infected nails.
 - 13. A method for the prophylaxis of fungal infections, in which a pharmaceutical, antimycotically active nail lacquer according to claim 1 or 2 is applied to nails of subjects who are in danger of being affected by a nail fungal infection.